

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 4165 | 714/4,6,8,11.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/14 14:18 |
| L2    | 2044 | 714/42,48,52,54.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/14 14:18 |
| L3    | 3612 | 714/712,715,799,800.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/14 14:18 |
| L4    | 572  | (L1 L2 L3) and @pd>"20051219"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/14 14:18 |
| L6    | 80   | 4 and ((transmission parity protocol communication ECC CRC soft data) with (fault error failure)) and ((disabl\$3 disconnect\$3 remov\$3 isolat\$3) with (device part component)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/14 14:37 |
| L10   | 1    | 10/691744   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/14 14:33 |
| L11   | 202  | disabl\$3 with first with type with (message component data information)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/14 14:39 |
| L12   | 0    | 4 and 11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/14 14:37 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| L13 | 1    | (1 2 3) and 11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/14 14:37 |
| L14 | 6    | "714"/\$.ccls. and plurality with<br>(transaction adj types)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/14 14:40 |
| L15 | 25   | "714"/\$.ccls. and plurality with<br>((transaction message) adj types)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/14 14:41 |
| L16 | 0    | "714"/\$.ccls. and disabl\$3 with<br>((transaction message) adj types)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/14 14:41 |
| L17 | 0    | "714"/\$.ccls. and disabl\$3 with<br>"some" with (transaction message)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/14 14:44 |
| L18 | 389  | "714"/\$.ccls. and disabl\$3 with<br>(transaction message)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/14 14:42 |
| L19 | 38   | "714"/\$.ccls. and disabl\$3 with<br>("some" certain part particular) with<br>(transaction message)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/14 14:44 |
| S1  | 127  | "5592610" "5953351" "5928370"<br>"6073251" "5680537" "5383201"                                       | USPAT   | OR | OFF | 2005/12/23 13:21 |
| S2  | 6    | ((("5592610") or ("5953351") or<br>("5928370") or ("6073251") or<br>("5680537") or ("5383201"))).PN. | USPAT   | OR | OFF | 2005/12/22 15:36 |
| S3  | 1050 | "714"/\$.ccls. and mirror  | USPAT   | OR | OFF | 2005/12/22 14:15 |
| S4  | 35   | "714"/\$.ccls. and mirror and<br>(component adj (failure fault))                                     | USPAT   | OR | OFF | 2005/12/22 14:36 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S5  | 1    | ("6647516").URPN.  | USPAT   | OR | OFF | 2005/12/22 14:17 |
| S6  | 7    | ("5383201"   "5592610"   "5680537"   "5928370"   "5953351"   "6073251").PN. OR ("6647516").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/12/22 14:17 |
| S7  | 26   | "714"/\$.ccls. and mirror and ((isolat\$3 remov\$3) adj (failure fault))                         | USPAT   | OR | OFF | 2005/12/22 14:26 |
| S8  | 62   | storage and mirror and ((isolat\$3 remov\$3) adj (failure fault))                                | USPAT   | OR | OFF | 2005/12/22 14:30 |
| S9  | 1    | (storage adj components) and mirror and ((isolat\$3 remov\$3) adj (failure fault))               | USPAT   | OR | OFF | 2005/12/22 14:31 |
| S10 | 136  | (storage adj components) and mirror  | USPAT   | OR | OFF | 2005/12/22 14:31 |
| S11 | 2    | (storage adj components) same mirror   | USPAT   | OR | OFF | 2005/12/22 14:31 |
| S12 | 19   | redundant adj storage adj controllers  | USPAT   | OR | OFF | 2005/12/22 14:48 |
| S13 | 3    | (redundant adj storage adj controllers) and mirror   | USPAT   | OR | OFF | 2005/12/22 14:46 |
| S14 | 23   | (redundant adj storage adj controllers) and (fault failure)                                      | USPAT   | OR | ON  | 2005/12/22 14:59 |
| S15 | 430  | mirror and (parity adj error)  | USPAT   | OR | ON  | 2005/12/22 14:59 |
| S16 | 3    | mirror and ((parity adj error) with (isolat\$3 remov\$3))  | USPAT   | OR | ON  | 2005/12/22 15:41 |
| S17 | 9    | mirror and (((parity protocol transaction) adj error) with (isolat\$3 remov\$3))                 | USPAT   | OR | ON  | 2005/12/22 16:08 |
| S18 | 9    | mirror and (((parity protocol transaction) adj error) with (isolat\$3 remov\$3))                 | USPAT   | OR | ON  | 2005/12/22 16:08 |
| S19 | 9    | ((parity protocol) adj error) and (disabl\$3 adj interface)                                      | USPAT   | OR | OFF | 2005/12/23 09:42 |
| S20 | 1047 | ((parity protocol) adj2 error) same (disabl\$3 shutdown remov\$3)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/23 09:43 |
| S21 | 421  | ((parity protocol) adj2 error) with (disabl\$3 shutdown remov\$3 isolat\$3))                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/23 15:18 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S22 | 128   | "714"/\$.ccls. and S21   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/23 10:09 |
| S23 | 162   | storage same ((mirror duplication<br>redundant) adj controller) and (fault<br>failure error)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/23 10:31 |
| S24 | 4     | ((("5774640") or ("6732289") or<br>("5588110") or ("5987621"))).PN.  | USPAT   | OR | OFF | 2005/12/23 11:24 |
| S25 | 1     | ("6701449").PN.  | USPAT   | OR | OFF | 2005/12/23 12:01 |
| S26 | 1942  | mirror and parity  | USPAT   | OR | OFF | 2005/12/23 12:03 |
| S27 | 90    | ((parity protocol) adj2 error) with<br>(disabl\$3 shutdown remov\$3<br>isolat\$3)) and mirror  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/23 12:04 |
| S28 | 17866 | fenc\$3  | USPAT   | OR | OFF | 2005/12/23 13:22 |
| S29 | 18    | (parity with (error fault failure)) and<br>((disable disconnect remove) adj<br>component)  | USPAT   | OR | ON  | 2005/12/23 13:55 |
| S30 | 1     | mirror and (parity adj validation)   | US-PGPUB  | OR | ON  | 2005/12/23 13:52 |
| S31 | 23    | ((parity protocol) adj validation)   | US-PGPUB  | OR | ON  | 2005/12/23 13:53 |
| S32 | 7     | ((parity) adj validation)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/23 13:53 |
| S33 | 26    | ((transmission parity protocol<br>communication ECC CRC) adj (fault<br>error failure)) and ((disable<br>disconnect remove) adj component)                      | USPAT   | OR | ON  | 2005/12/23 13:59 |
| S34 | 35    | ((transmission parity protocol<br>communication ECC CRC) adj (fault<br>error failure)) and ((disable<br>disconnect remove isolate) adj<br>component)           | USPAT   | OR | ON  | 2005/12/23 14:00 |
| S35 | 62    | ((transmission parity protocol<br>communication ECC CRC soft data)<br>adj (fault error failure)) and<br>((disable disconnect remove isolate)<br>adj component) | USPAT   | OR | ON  | 2005/12/27 10:37 |

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|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S36 | 84  | "714"/\$.ccls. and fenc\$3  | USPAT   | OR | ON | 2005/12/23 15:06 |
| S37 | 229 | ((isolat\$3 fenc\$3) adj (interface node processor device)) with (error fault\$3 fail\$3)                                 | USPAT   | OR | ON | 2005/12/23 15:09 |
| S38 | 53  | "714"/\$.ccls. and S37  | USPAT   | OR | ON | 2005/12/23 15:08 |
| S39 | 6   | ((isolat\$3 fenc\$3) adj (interface node processor device)) same (data adj corruption)                                    | USPAT   | OR | ON | 2005/12/23 15:13 |
| S40 | 1   | ((isolat\$3 fenc\$3) adj component) same (data adj corruption)  | USPAT   | OR | ON | 2005/12/23 15:14 |
| S41 | 182 | (data adj corruption) with (disabl\$3 shutdown remov\$3 isolat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 15:14 |
| S42 | 36  | "714"/\$.ccls. and S41  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 15:15 |
| S43 | 172 | ((communication adj2 error) with (disabl\$3 shutdown remov\$3 isolat\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 15:19 |
| S44 | 9   | (communication adj2 error) with ((fenc\$3 disabl\$3 shutdown remov\$3 isolat\$3) adj3 (interface node processor device))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 15:20 |
| S45 | 168 | "714"/\$.ccls. and (error with ((fenc\$3 disabl\$3 shutdown remov\$3 isolat\$3) adj3 (interface node processor device)) ) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 15:53 |
| S46 | 219 | (disabl\$3 with interface with error)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 16:00 |

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|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S47 | 62   | "714"/\$.ccls. and (disabl\$3 with interface with error)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 16:31 |
| S48 | 7    | "714"/\$.ccls. and ((disabl\$3 with interface with error) same parity)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/23 16:32 |
| S49 | 62   | (disabl\$3 with interface) same (parity with (error check\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 10:32 |
| S50 | 3810 | 714/4,6,8,11.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 10:33 |
| S51 | 1926 | 714/42,48,52,54.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 10:34 |
| S52 | 3534 | 714/712,715,799,800.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 10:36 |
| S53 | 971  | (S50 S51 S52) and (((transmission parity protocol communication ECC CRC soft data) with (fault error failure)) and ((disabl\$3 disconnect\$3 remov\$3 isolat\$3) with (device part component)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/14 14:19 |
| S55 | 57   | (S50 S51 S52) and (((transmission parity protocol communication ECC CRC soft data) adj5 (fault error failure)) same ((disabl\$3 disconnect\$3 remov\$3 isolat\$3) adj5 (device part component))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 14:25 |

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|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S56 | 3  | "09/981058"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 10:43 |
| S57 | 14 | "6308284"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 10:46 |
| S58 | 80 | punte.xa.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 10:46 |
| S59 | 19 | (S50 S51 S52) and (((transmission parity protocol communication ECC CRC soft data) adj5 (fault error failure)) same ((disabl\$3 disconnect\$3 remov\$3 isolat\$3) adj5 (device part component interface))) same storage                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 13:25 |
| S60 | 19 | (S50 S51 S52) and (((transmission parity protocol communication ECC CRC soft data (check adj bit)) adj5 (fault error failure)) same ((disabl\$3 disconnect\$3 remov\$3 isolat\$3) adj5 (device part component interface))) same storage | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 13:52 |
| S61 | 2  | ((check adj bit) adj5 (fault error failure)) same ((disabl\$3 disconnect\$3 remov\$3 isolat\$3) adj5 (device part component interface))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 13:51 |
| S63 | 0  | ((check adj bit) adj5 (fault error failure)) same ((disabl\$3 disconnect\$3 remov\$3 isolat\$3) adj5 (communication))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 13:52 |
| S64 | 61 | (S50 S51 S52) and (((transmission parity protocol communication ECC CRC soft data (check adj bit)) adj5 (fault error failure)) same ((disabl\$3 disconnect\$3 remov\$3 isolat\$3) adj5 (communication)))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/27 14:11 |

## EAST Search History

|          |     |  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S71      | 630 | (component adj (failure fault error))<br>same (transmission parity (check<br>adj bit))                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/27 14:26 |
| S72      | 229 | (component adj (failure fault error))<br>same (transmission parity (check<br>adj bit)) and (isolat\$3 disabl\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/27 14:30 |
| S99      | 1   | "5872911".pn. and display\$3   | USPAT   | OR | OFF | 2005/12/30 15:51 |
| S10<br>0 | 1   | "6065077".pn.  | USPAT   | OR | OFF | 2006/06/14 10:19 |